Fluid Phase Equilibria, 66 (1991) 329–330
Elsevier Science Publishers B.V., Amsterdam

Contents Volume 66 (1991)

Volume 66, Nos. 1–2

Phase behavior of reservoir fluids III: molecular lumping and characterization
S.H. Huang and M. Radosz (Annandale, NJ, USA) 1– 21

Phase behavior of reservoir fluids IV: Molecular weight distributions for thermodynamic modeling
S.H. Huang and M. Radosz (Annandale, NJ, USA) 23– 40

Evaluation of a statistical–mechanical virial equation of state, using Gibbs-ensemble molecular simulations
M.E. van Leeuwen, C.J. Peters and J. de Swaan Arons (Delft, The Netherlands) and A.Z. Panagiotopoulos (Ithaca, NY, USA) 41– 55

Investigation of the transition to liquid–liquid immiscibility for Lennard-Jones (12, 6) systems, using Gibbs-ensemble molecular simulations
M.E. van Leeuwen, C.J. Peters and J. de Swaan Arons (Delft, The Netherlands) and A.Z. Panagiotopoulos (Ithaca, NY, USA) 57– 75

Application of the hole quasi-chemical group contribution equation of state for phase equilibrium calculation in systems with association
A.I. Victorov (Leningrad, USSR) and Aa. Fredenslund (Lyngby, Denmark) . 77–101

Prediction of thermodynamic properties for fluid oxygen with MD simulations
B. Saager and J. Fischer (Bochum, Germany) 103–111

Thermodynamic vapour pressure equation. Triple and critical point applications. Prediction of a linear logarithmic relation between surface tension and latent heat of evaporation
V.A. Kuz (La Plata, Argentina) 113–124

Equation of state for Lennard-Jones fluid mixtures
Y. Miyano (Okayama, Japan) 125–141

Studies on vapor–liquid equilibrium near the critical line for fluid mixtures: Description of coexistence densities of binary mixtures
S. Wei and L.H. Ciong (Beijing, People's Republic of China) 143–159

Experimental method for obtaining critical densities of binary mixtures: application to ethane + *n*-butane
L.J. Van Poolen, V.G. Niesen and J.C. Rainwater (Boulder, CO, USA) 161–185

Fluid phase equilibria in water: natural gas component mixtures and their description by the hole group-contribution equation of state
A.I. Victorov (Leningrad, USSR), Aa. Fredenslund (Lyngby, Denmark) and N.A. Smirnova (Leningrad, USSR) 187–210

Thermodynamics of molecular interactions in 1,2-dibromoethane + benzene or toluene mixtures
K.C. Kalra, K.C. Singh and D.C. Spah (Rohtak, India) 211–220

Corrigendum 221

Announcement 223–224

Volume 66, No. 3

A method for the prediction of critical temperature and pressure of pure fluids
H.-K. Bae and S.-Y. Lee (Kyongsan, South Korea) and A.S. Teja (Atlanta, GA, USA) 225–232

A database of fluctuation thermodynamic properties and molecular correlation function integrals for a variety of binary liquids
R.J. Wooley (Gainesville, FL, USA) and J.P. O'Connell (Charlottesville, VA, USA) 233–261

Calculation of vapor-liquid equilibrium in hydrogen-containing mixtures through a generalized corresponding states correlation
Y. Liu and Z. Xu (Xi'an, People's Republic of China) 263–273

Isothermal vapor–liquid equilibrium for dimethyl ether + sulfur dioxide
J.R. Noles and J.A. Zollweg (Ithaca, NY, USA) 275–289

Near-critical-region equilibria of the CH_4–CO_2–H_2S system
J.S. Morris and C.H. Byers (Oak Ridge, TN, USA) 291–308

A semiempirical procedure to describe the thermodynamics of dissolution of non-polar gases in water
J. Alvarez and R. Fernández-Prini (Argentina) 309–326

Author Index 327

Contents of Volume 66 (1991) 329–330